



Purchase Order - Beer, Hops and Water

Company Name

Contact Person

Email

Mobile Customer Order No (if required)

Telephone AWRI Quote No (if applicable)

Sample/s description* (This description will appear on your analytical report)

*For large sample numbers, please provide a typed list of sample descriptions (preferably in excel) that will enable quicker sample login and minimize the chance of any typographical errors.

☐ Packaged Beer ☐ Unpackaged Beer ☐ Wort ☐ Ferment ☐ Water ☐ Hops ☐ Other

Beer Analysis

- | | |
|--|--|
| <input type="checkbox"/> Alcohol (NIR) | <input type="checkbox"/> pH |
| <input type="checkbox"/> Brix (Density Meter) | <input type="checkbox"/> Plato (Density Meter) |
| <input type="checkbox"/> Calcium (ICP) | <input type="checkbox"/> Sugars - glucose & fructose (HPLC) |
| <input type="checkbox"/> Carbon dioxide & dissolved oxygen | <input type="checkbox"/> Free & Total Sulfur dioxide (Discrete Analyser) |
| <input type="checkbox"/> Chill haze test | <input type="checkbox"/> TCA - 6 compounds (GCMS) |
| <input type="checkbox"/> Colour (430 nm) | <input type="checkbox"/> Total acidity as % lactic acid (Titration) |
| <input type="checkbox"/> IBU (UV-VIS) | <input type="checkbox"/> Turbidity |
| <input type="checkbox"/> Low Molecular Weight Sulfurs | <input type="checkbox"/> VDK - includes diacetyl & 2,3-pentanedione |
| <input type="checkbox"/> Malic acid (Discrete Analyser) | |

Microbial Analysis

- | | |
|--|--|
| <input type="checkbox"/> Beer spoilage panel | <input type="checkbox"/> Microbial identification (DNA Sequencing/PCR) |
| <input type="checkbox"/> Beer sterility | <input type="checkbox"/> Yeast count |
| <input type="checkbox"/> Beer sterility combo (sterility & spoilage) | <input type="checkbox"/> Water sterility |
| <input type="checkbox"/> Catalase | <input type="checkbox"/> |

Water Analysis

- | | |
|--|--|
| <input type="checkbox"/> Chloride (Hach test kit) | <input type="checkbox"/> TCA - 6 compounds (GCMS) |
| <input type="checkbox"/> Metals by ICP (Na, K, Ca, Mg, Fe) | <input type="checkbox"/> Total alkalinity - carbonate & bicarbonate |
| <input type="checkbox"/> Nitrate (Hach test kit) | <input type="checkbox"/> Total dissolved solids (Conductivity Meter) |
| <input type="checkbox"/> pH | <input type="checkbox"/> Total Hardness (includes Ca & Mg) |
| <input type="checkbox"/> Sulfate (Hach test kit) | <input type="checkbox"/> Metals & hardness combo |

Hops Analysis

- | | |
|---|--|
| <input type="checkbox"/> Alpha and beta hops acids (HPLC) | <input type="checkbox"/> Moisture content |
| <input type="checkbox"/> Hops oil profile (GCMS) | <input type="checkbox"/> Total essential oils (Distillation) |

For further details regarding sample submission please visit our website: https://www.awri.com.au/commercial_services/analytical_services/submission_of_samples/

Acceptance by the AWRI of this work, following the receipt of a purchase order for analysis, is subject to the terms and conditions and conditions which are posted on our website. I hereby acknowledge that the person signing this purchase order is an authorised representative of the Company and has the authority to bind me / us into a contractual agreement.

Signature

Name [Print]

Date

Position/title

Please enclose this purchase order with the samples



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